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Claims

We claim:

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- 1. A converter in a radio-frequency (RF) apparatus, the converter comprising a feedback circuitry having a shielded input and a shielded output, wherein the shielded
- input and the shielded output tend to reduce interference in the converter.
- 2. The converter according to claim 1, further comprising:
 - a first filter coupled to the shielded input of the feedback circuitry; and
 - a second filter coupled to the shielded output of the feedback circuitry.
- 10 3. A method of reducing interference in a non-linear circuit in a radio-frequency (RF) apparatus, wherein the non-linear circuit has an input and an output, the method comprising:

shielding an input of the non-linear circuit; and shielding an output of the non-linear circuit.

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4. The method according to claim 3, further comprising filtering an input signal supplied to the input of the non-linear circuit.